

E1 On page 6, line 13, after "pre-" please add ~~-(peptide sequences of SEQ ID NOS:135, 136 and 219, the encoding nucleotide SEQ ID NO:211 and the complement thereof, SEQ ID NO:212)--.~~

E2 On page 6, line 13 after "pro-" please add ~~-(peptide sequences of SEQ ID NOS:174, 175 and 220, the encoding nucleotide SEQ ID NOS:207 and 209, and the respective complements thereof, SEQ ID NOS:208 and 210)--.~~

E3 On page 6, line 14 after "prepro- regions" please add ~~-(peptide SEQ ID NOS:186, 197 and 218, the respective encoding nucleotide SEQ ID NOS: 181, 192, 213, and 215, and the respective complements thereof, SEQ ID NOS:182, 193, 214 and 216)--.~~

E4 On page 6, line 14, after "pre-pro persephin amino acid" please add ~~-(SEQ ID NO:217), the encoding nucleotides (SEQ ID NO:203 or 205)--.~~

~~On page 6, line 15, before "nucleotide" please add --complementary--.~~

E5 On page 6, line 15 after "sequences" please add ~~-(SEQ ID NOS:204 and 106, respectively)--.~~

E6 On page 8, line 18 after "(SEQ ID NO:17)" please add ~~-, which encodes amino acids 1 through 19 (SEQ ID NO:15)--.~~

E7 On page 8, line 19 after "(SEQ ID NO:20)" please add ~~-, which encodes amino acids 20 through 95 (SEQ ID NO:19), the prepro- region from nucleic acid 1 through 285 (SEQ ID NO:25), which encodes amino acids 1 through 95 (SEQ ID NO:23)--.~~

E8 On page 8, line 28 after "(SEQ ID NO:18)" please add ~~-, which encodes amino acids 1 through 19 (SEQ ID NO: 16)--.~~

E9 On page 8, line 29 after "(SEQ ID NO:21)" please add ~~-, which encodes amino acids 20 through 95 (SEQ ID NO:22), the prepro- region from nucleic acid 1 through 285 (SEQ ID NO:26), which encodes amino acids 1 through 95 (SEQ ID NO:24)--.~~

~~On page 9, line 14 after "(SEQ ID NO:87" please add --and 176--.~~

~~On page 9, lines 34-35 please delete "mPSP" and add in its place "rPSP".~~

E10 On page 10, line 17 after "(SEQ ID NO:177" please add ~~and the reverse complement sequence SEQ ID NO:178--.~~

~~On page 10, line 22 after "(SEQ ID NO:188" please add --and the reverse complement sequence SEQ ID NO:189--.~~

~~On page 13, lines 13 please delete "(SEQ ID NO:106)"~~

~~On page 13, line 14 after "cDNA" please add --(SEQ ID NO:106)--.~~

~~On page 28, line 12 after "pro-persephin molecule" please add --(SEQ ID NO:132)--.~~

E11 On page 32, lines 11-12, please delete "SEQ ID NO:183, 184, 194, 195, 199, 200, 201 or 202" and add in its place --SEQ ID NO:183, 194, 199 or 201; or the respective complementary sequences of SEQ ID NO:184, 195, 200 or 202--.

~~On page 35, line 27 please delete "encoding" and add in its place --encode--.~~

~~On page 56, line 12 please delete ", SEQ ID NO:180" and add in its place --and the respective complement (SEQ ID NO:180)--.~~

E12 On page 56, line 12 please delete ",SEQ ID NO:191" and add in its place --and the respective complement (SEQ ID NO:191)--.

E13 On page 101, line 39 please delete "CCACCACAGCCACAAGCTGCGG STGAGAGCTG" and replace it with --CCACCACAGCCACAAGCTGCGGCTGAGAGCTG--. Please note that the S at position 23 has been replaced with a C; this change is reflected in the substitute sequence listing attached hereto.

~~On page 103, line 28 after "[5'-TGCTGTCACCATGGCTGCAGGAAGACTTCGGA]" please add --(SEQ ID NO:140)--.~~

~~On page 103, line 29 after "[5'-CGGTACCCAGATCTTCAGCCACCACAGCCACAAGC]" please add --(SEQ ID NO:138)--.~~

~~On page 103, line 33, after "...TCGGA]" please add --(SEQ ID NO:140)--.~~

~~On page 103, line 34 after "...CAAGC]" please add --(SEQ ID NO:138)--.~~

~~On page 110, line 9 please delete "(SEQ ID NOS:233-234)" and add in its place --(SEQ ID NOS:234 and 233)--.~~

IN THE SEQUENCE LISTING:

It is respectfully requested that the sequence listing (pp. 122-218) be deleted and replaced with the substitute sequence listing included in this communication (pp. 122-218). The substitute sequence listing reflects the following change:

At position 23 of SEQ ID NO:102, the 'S' has been replaced by 'C'. This amendment corrects an inadvertent error.

Pursuant to 37 C.F.R. §1.825(b), a substitute computer readable form of the sequence listing has also been included. Also in accordance with 37 C.F.R. §1.825(b), it is hereby stated that the copy in computer readable form is the same as the paper copy of the substitute sequence listing submitted herewith.